

Title (en)

APPARATUS AND METHOD FOR OPTICALLY EXAMINING SECURITY DOCUMENTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR OPTISCHEN UNTERSUCHUNG VON WERTDOKUMENTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'EXAMEN OPTIQUE DE DOCUMENTS DE VALEUR

Publication

**EP 2011092 A1 20090107 (DE)**

Application

**EP 07724161 A 20070411**

Priority

- EP 2007003220 W 20070411
- DE 102006017256 A 20060412
- DE 102006045624 A 20060927

Abstract (en)

[origin: WO2007118655A1] An apparatus for optically examining security documents (BN) has a detection region (14), in which a security document (BN) is located during the examination, and a spectrographic device (16). The latter has a spatially dispersing optical device (29) for at least partially breaking down optical radiation coming from the detection region (14) into spectrally separate spectral components which propagate in different directions in accordance with the wavelength, a detection device (30) which is spatially resolving in at least one spatial direction and is intended to detect the spectral components, and collimation and focussing optics (28) for collimating the optical radiation which is directed onto the dispersing device (29) from the detection region (14) and for focussing at least some of the spectral components formed using the dispersing optical device (29) onto the detection device (30).

IPC 8 full level

**G07D 7/12** (2006.01)

CPC (source: EP KR US)

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DOCDB simple family (application)

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